8311 ZVR AC Series

FEATURES

> Outstanding air-liquid mixture handling capability
> Oil resistance and anti-corrosion feature
> Easy assembly for better serviceability
> Low sound and vibration levels
> Consistent performance
> Higher reliability for stable daily operation

TYPICAL APPLICATIONS

> Autoclave

BASE MODEL

8311 ZVR AC







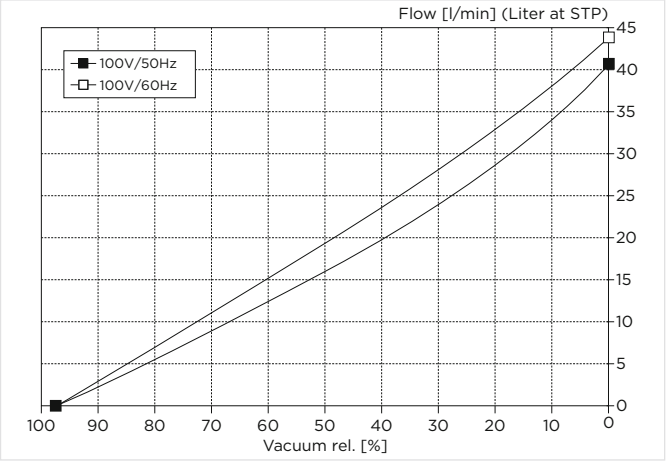
Diaphragm

Diaphragm Pump **8311ZVR AC**

Flow	40 l/min
Max. Vacuum	**97 %**



FLOW CURVES



PNEUMATIC DATA

Description	8311ZVR/4.2/HHF/AC
Part number	83112202
Max. flow	40.0 l/min
Max. intermittent vacuum	97 %
Max. continuous vacuum	97 %
Max. restart vacuum	Ambient

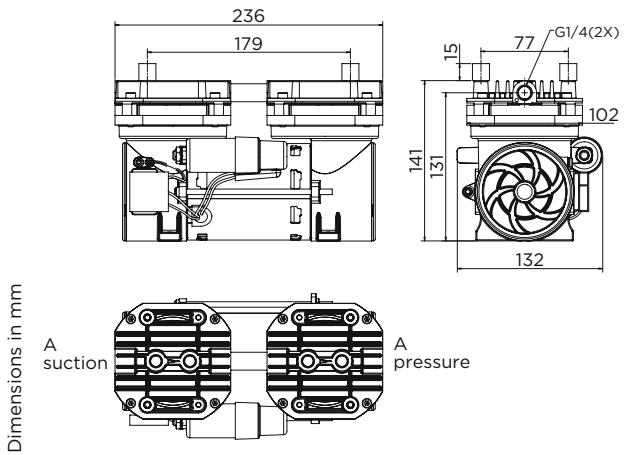
OPERATING CONDITIONS*

Ambient temperature	5 to 40 °C
Media temperature	10 to 60 °C
Weight	5.4 kg
Port direction	AA
Configuration	Series
Pneumatic connection	G1/4

ELECTRICAL DATA

Motor type	Capacitor	
Nominal voltage	100 V 50 Hz	100 V 60 Hz
Nominal speed	1350 rpm	1650 rpm
Current consumption	1.4 A	1.8 A
Starting current	2.8 A	2.8 A
Power consumption	135 W	180 W
Protection class	IP00	
Motor insulation class	F	
Thermal switch	150 °C	

DIMENSIONAL DRAWING



MODEL KEY

8311 - Z - V - R - 4.2 - H - H - F - AC

Pos	Options	Description
1	8311	Product Line
2	Z	Double Head
3	V	Vacuum
4	R	Series
5	4.2	Eccentric
6	H	HNBR Diaphragm
7	H	HNBR Valve
8	F	FKM O-Ring
9	AC	Motor Type

WETTED PARTS

Pump head	Aluminium with anodizing
Chamber	Aluminium with anodizing
Diaphragm	HNBR
Valve	HNBR
O-ring	FKM

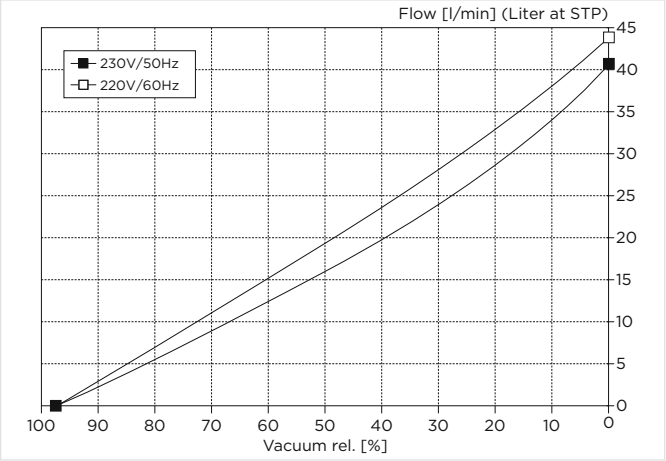
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Diaphragm Pump **8311ZVR AC**

Flow	43 l/min
Max. Vacuum	**97 %**



FLOW CURVES



PNEUMATIC DATA

Description	8311ZVR/4.2/HHF/AC
Part number	83112002
Max. flow	43.0 l/min
Max. intermittent vacuum	97 %
Max. continuous vacuum	97 %
Max. restart vacuum	Ambient

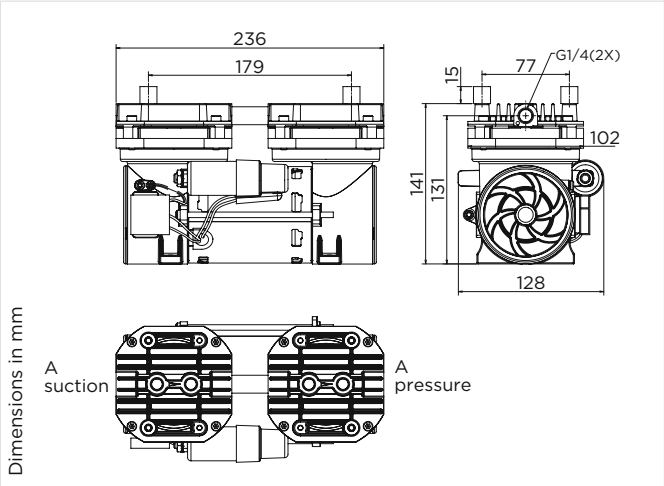
ELECTRICAL DATA

Motor type	Capacitor	
Nominal voltage	230 V 50 Hz	220V 50/60 Hz
Nominal speed	1350 rpm	1650 rpm
Current consumption	0.65 A	0.8 A
Starting current	1.0 A	1.1 A
Power consumption	145 W	180 W
Protection class	IP00	
Motor insulation class	F	
Thermal switch	150 °C	

OPERATING CONDITIONS*

Ambient temperature	5 to 40 °C
Media temperature	10 to 60 °C
Weight	5.4 kg
Port direction	AA
Configuration	Series
Pneumatic connection	G1/4

DIMENSIONAL DRAWING



MODEL KEY

8311 - Z - V - R - 4.2 - H - H - F - AC

Pos	Options	Description
1	8311	Product Line
2	Z	Double Head
3	V	Vacuum
4	R	Series
5	4.2	Eccentric
6	H	HNBR Diaphragm
7	H	HNBR Valve
8	F	FKM O-Ring
9	AC	Motor Type

WETTED PARTS

Pump head	Aluminium with anodizing
Chamber	Aluminium with anodizing
Diaphragm	HNBR
Valve	HNBR
O-ring	FKM

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PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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